

# PRA-PTC 2017 and PTC 2017 Meeting Outcomes

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Organisation météorologique mondiale

# PRA-PTC 2017



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# PRA-PTC 2017

- **Strategic Priorities 2020-2023**
- **Public-Private Engagement**
- **Global Framework for Climate Services (GFCS)**
- **Global Data Processing and Forecasting System (GDPFS)**
- **Global Meteo-Alarm System**

# PRA-PTC 2017

## Strategic Priorities 2020-2023

- ✧ Focus on governance issues -- Technical Commission SWOT analyses; process of WMO priority setting; optimization of governance structures and implementation process; metrics of success.
- ✧ Secretariat to summarise TC SWOTs and discussion elements, develop principles and criteria for structural considerations, outline governance options with pros and cons for consideration by EC WG-SOP.
- ✧ PRAs and PTCs to submit their proposals for strategic priorities

# PRA-PTC 2017

## Public-Private Engagement

- ✧ Presidents shared experiences and views on risks, opportunities, lessons and concerns.
  - Private ops. in weather, climate and water is rapidly developing.
  - Provision of data & services by private sector key concern to NMHSs.
  - Need more structured dialogue & outreach by RAs, TCs, and NMHSs.
  - WMO Regulatory role is foundation of quality for entire enterprise.
  - WMO policy on public-private engage is required (Cg Declaration).
  - Secretariat needs to build dedicated “meteorology as business.”
  - Secretariat should develop guidance material for Members.



# PRA-PTC 2017

## Global Framework for Climate Services (GFCS)

- ✧ Reviewed progress to date in supporting GFCS implementation and noted poor articulation of WMO contribution to GFCS.
  - Cg established GFCS and WMO owns it (incl. partner initiatives).
  - Need faster CSIS development and climate service capacity building.
  - Need improved interface/mechanism for TC engagement.
  - Better linkage of country activities planning and implem. with RAs.
  - Need more pragmatic & efficient approach to GFCS implementation.
  - Need formal process for recognizing TC and RA contributions.
  - Input from RAs, TCs, SC/GCOS, JSC/WCRP in devel & implnt of plans.
  - GFCS data requirements (Cg-17 Res 60) need clarification.



# PRA-PTC 2017

## Global Framework for Climate Services (GFCS)

- ✧ Meeting made following recommendations to EC:
  - Mid-term review of GFCS should include corrective actions, including governance structure; EC should provide its views on the improvements recommended by the mid-term review, and put review of GFCS into broader context of WMO governance rev.
  - Better coordination with GFCS prior to Cg-18 (2019) via a dedicated group incl. PRAs and relevant PTCs to ensure personal engagement in mechanism for implementing results framework for WMO contributions to GFCS.
  - Clarify mechanisms through which GFCS-related data should be shared among Members per Resolution 60 (Cg-17).



# PRA-PTC 2017

## Global Data Processing & Forecasting System (GDPFS)

- Cg-17 established steering group to develop implementation plan for consideration by EC-69.
- GDPFS activities linked with work of many TCs (cornerstone of future WMO activities) ∴ best strategy is to involve existing TC capabilities to provide GDPFS functionality.
- Recommendation to EC-69 to clarify priorities of the CSIS in order to improve the delivery of sub-seasonal to decadal products to members through the seamless GDPFS initiative.
- Paradigm shift to impact-based forecasts and risk-based warnings and the need for nonconventional data/information such as vulnerability and exposure within GDPFS.





# PRA-PTC 2017

## Global (Hydro-) Meteo-Alarm System

- Initiative to update existing regional meteo-alarm systems.
- Task Team will be created, incl. reps from existing regional systems, in consultation with RAs, relevant TCs, and EC.
- Promote through upcoming RA meetings to develop regional indicator systems as well as SWFDP, CIPFP, FFGS, and CAP.
- ECMWF Extreme Forecast Index (EFI) and UK Met Office global hazard mapping product could be contributions through a common WMO technical platform.
- Meeting requested S-G to act on development and implementation of the Global (Hydro-) Meteo-Alarm System and to consider adding hyperlink to System on WMO website.



# PTC 2017



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# PTC 2017

- **Status of PTCs Report to the EC WG/SOP Subgroup on Structure, Planning, and Budget**
- **Outcome of EC-68 Decision on Big Data Issues and the Roles that Technical Commissions will be Expected to Play**
- **Implementation of the EC Coordinated Plan for Updating and Enhancing the WMO Technical Regulations Framework by Congress 18 in 2019.**

# PTC 2017

## Status of PTCs Report to the EC WG/SOP

- ✧ Review current structure of Constituent Bodies and propose improvements, which should include reorienting the TCs to major theme areas of the Organization;
- ✧ Review scope of ToRs of RAs and TCs, and develop new ToRs and tasks for next financial period, based on major theme areas of WMO, for consideration by EC and recommendation to Cg-18; and
- ✧ Propose to EC which TCs it should recommend that Cg-18 continue, establish or terminate.

# PTC 2017

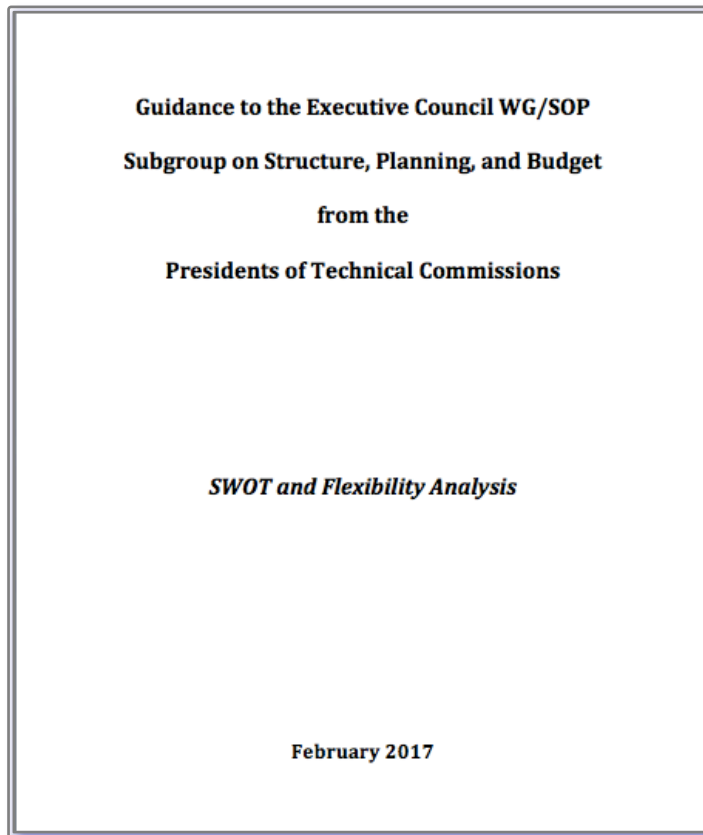
## Status of PTCs Report to the EC WG/SOP

- First do no harm.
- Consider “foundational issues” -- doing something new versus working to improve what we have always done. What’s essential to maintain?
- Is there value in creating a WMO standards body to strengthen standards setting; enhancing the culture of compliance to standards by Members.
- Ensure retention and possible enhancement of inter-governmental processes.



# PTC 2017

## Status of PTCs Report to the EC WG/SOP



### Includes:

- SWOT Analysis
- Flexibility Analysis  
*(Performance on existing priorities)*
- Essential and emerging essential activities

***Available on AWG-1 website***



# PTC 2017

## Big Data Issues and TC Roles

- PTCs prepared essays on “Big Data” related to their Commissions which were submitted to EC-68.
- CBS-led review of emerging data issues (CBSLR-EDI).  
*Review challenges, risks, opportunities and benefits related to big data, crowd-sourced data, social media & emerging and future data sources, and their potential impact on Members, as the basis for production of a guidance document for Members.*
- Big Data enabling new types of observations and services by private providers challenging NMHSs authoritative role.  
*Review need to assist NMHSs to take advantage of Big Data advantages.*



# PTC 2017

## Plan for Updating and Enhancing WMO Tech Regs

- EC endorsed a PTC Roadmap for an Enhanced Framework for WMO Technical Regulations.

*EC requested, and PTCs agreed to prioritize the reviewing and updating of relevant parts of the WMO Technical Regulations in their work plans according to their specific terms of reference.*

- Given the utility of Tech Regs, Guides, and Manuals to Members, an instructional event on Tech Regs should be planned for Congress.
- It was noted that the monitoring of compliance with Tech Regs by Members is a primary duty of Regional Associations rather than Technical Commissions.





# PTC 2017

## Plan for Updating and Enhancing WMO Tech Regs

- It is difficult to monitor compliance with some Tech Regs because of their formulation.

*Thus, it is important to ensure that training and guidance are provided to the editorial group.*

- PTCs agreed that monitoring of Tech Reg compliance should be conducted so as to not burden NMHSs.

*It was noted that there was a plan to develop an automated tool for monitoring compliance that CIMO was already using.*

- PTCs noted need for Secretariat to maintain dynamic web page on WMO website to provide important information on TRs.

*An open and continuously updated compliance check-list should be developed and linked to the Country Profile Database (CPDB).*



# Finis



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